

a detachable thin flexible cable cable, connecting said micro front end module and said micro back end circuit module together;

Whereby the Owl's Eye cameras achieve the smallest dimensions in the world among all water proof safety view precision cameras.

[Claim 4] The Owl's Eye cameras in claim 3, wherein said the micro front end module comprises :

- a set of large iris micro lens;
- a cylinder micro water proof housing, having one end glass open hole to mount said large iris micro lens;
- a UV filter glass disc, to shield the large iris micro lens inside the cylinder micro water proof housing;
- an ultra sensitive CCD sensor, having natural night vision without using light emitting LED;
- a thin flexible cable, connected said ultra sensitive CCD sensor to the micro back circuit module;

whereby to minimize the total dimensions and the weight of the micro front end module, so that to achieve surface mount.

[Claim 5] The e-mirrors system of claim 1 wherein said a plurality of O ring grip mounts, having special features, comprise :

- a 3 dimensional tilt-able flexibility on its upper gripping section;

a small footprint with heavy duty double sides 3M Scotch mounting squares fasteners underneath for quick surface mount ;

- small and ultra light body, less than 1 OZ weight;

whereby able to quick surface mount without using tool to drill screw holes, so as to protect shiny surface of a new luxury motor vehicles.

[Claim 6] The e-mirrors system of claim 1, wherein said a plurality of LCD mount stands, comprising :

- 2 of single LCD stands, having low profile height, holding the LCD panels on top surface of dash board;

a panoramic LCD stand, able to mount 3 LCD panels side by side horizontally in line, to produce a panoramic rear safety view;

[Claim 7] A distinctive technique method to integrate panoramic safety view 5 screens e-Mirrors system , comprise steps of :

surface mounting said 2 of single LCD stands of claim 6 on driver's instrument top left and top right with heavy duty thin Velcro removable brand fasteners;

surface mounting the panoramic LCD stand of claim 6 on central top of the driver's front dash board;

surface mounting 1of the Owl's Eye cameras at 2 rear corners near to rear signal lights of a vehicle;

surface mounting a single of the Owl's Eye camera at straight back central spot of the vehicle;

surface mounting 1of the Owl's Eye cameras at 2 front corners near to front signal lights of the vehicle;

cabling the Owl's Eye cameras at the 2 front corners of the vehicle to said single LCD stand top left and top right; cabling the Owl's Eye cameras at the 2 rear corners of the vehicle to the left and right LCD screens on said panoramic LCD stand by reversing sides, the rear left camera to front right LCD screen, and the rear right camera to front left LCD screen ;

cabling the Owl's Eye camera at the straight back center to the center LCD screen of the panoramic LCD stand; pointing rear corner the 2 Owl's Eye camera to opposite corner side of the vehicle to get diagonal proximity view;

[Claim 8] A 2 x2 quad video e-Mirrors system for large vehicles safety view, comprise :
a quad video 2x2 LCD display, set on central top of driver's front dash;
a 4 channels video signal processor, able to split a large LCD screen to 2 x2 array virtual video screens;
a micro remote control, giving driver's convenient to one touch zoom view any channel.
4 of the Owl' eye cameras, connected to said 4 channels video signal processor;
4 of the O ring grip mounts, hold 2 of the Owl' eye cameras at 2 rear corners, and 2 others at side middles of a large vehicle.

[Claim 9] A compound 7 screens e-Mirrors system for long container and trailer vehicles, comprise :
all elements of claim 8;
1 of the panoramic LCD stand;
3 extra of the LCD panels;
3 extra of the Owl's Eye cameras, mounted at rear;
3 extra of the O ring grip mounts.